

#10/TDS
REVIEWS
2-4-00

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

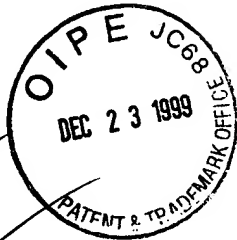
In re application of

Masato SHIMADA, et al.

Appln. No. 09/199,816

Filed: November 25, 1998

For: INK JET RECORDING HEAD AND INK JET RECORDER



Group Art Unit: 2853

Examiner: Unassigned

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicants hereby notify the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

RECEIVED
50220 100
TO 2000 MAIL ROOM

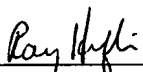
INFORMATION DISCLOSURE STATEMENT
U.S. Appln. No. 09/199,816.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicants submit a European Search Report indicating the degree of relevance of the listed documents.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicants do not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

SUGHRUE, MION, ZINN,
MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Washington, D.C. 20037-3213
Telephone: (202) 293-7060
Facsimile: (202) 293-7860



Ray Heflin
Registration No. 41,060

Date: December 23, 1999